

Title (en)
Closure plug with bonded gasket

Title (de)
Verschlussstopfen mit integrierter,geformter Dichtung

Title (fr)
Bouchon de fermeture avec joint moulé intégralement

Publication
EP 0806369 A1 19971112 (EN)

Application
EP 97302957 A 19970430

Priority
US 64359496 A 19960506

Abstract (en)
A closure plug (20) for the threaded receipt by the raised neck finish of a container for closing off the neck finish in a liquid-tight fashion includes a closure plug body having an annular flange (25) at one end and opposite thereto an externally threaded portion (26), the closure plug body being formed out of a thermoplastic material. Assembled to the closure plug body is an annular sealing gasket (22) which is molded out of a thermoplastic elastomer of an EPDM base with polypropylene added. The annular sealing gasket is integrally bonded to the closure plug body at a molecular level by actually fusing or cross-linking the material of the sealing gasket with the material of the closure plug body. <IMAGE>

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B65D 39/08; **B29C 45/16**; **B65D 53/02**

IPC 8 full level
B29C 45/14 (2006.01); **B29C 45/16** (2006.01); **B65D 39/08** (2006.01); **B65D 53/02** (2006.01); **B29K 23/00** (2006.01); **B29L 31/26** (2006.01)

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B29C 45/1676 (2013.01); **B65D 39/08** (2013.01); **B65D 53/02** (2013.01)

Citation (search report)
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